

### Abstract

The present invention relates to rear-projection screens which have at least one scattering layer encompassing scattering particles and has at least one backing layer, characterized in that the halved-intensity angle of the scattering layer is greater than or equal to  $15^\circ$  and the halved-intensity angle of the backing layer is smaller than or equal to  $6.5^\circ$ , where the gloss  $R_{60^\circ}$  of the backing layer is smaller than or equal to 70.